WEST Search History

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DATE: Tuesday, December 04, 2007

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Hide?	<u>Set</u> Name	Query	Hit <u>Count</u>
	DB=P	GPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ	
	L36	L33 and ((magnetic adj resonan\$2) or MRI or NMR)	3
\Box	L35	L34 and ((magnetic adj resonan\$2) or MRI or NMR)	3
	L34	L33 and ((gradient same coil) same (modular\$2 or module or compartment or compartmentaliz\$3 or resess\$3))	19
	L33	L32 and (modular\$2 or module or compartment or compartmentaliz\$3 or resess\$3)	30
	L32	L31 and ((different or separate or independent or individual or respective or distinct\$3) same (field-of-view or "field of view" or FOV or area or volume or region or zone or ROI or VOI))	190
Γ	L31	L30 and (((Cartesian or "x" or "y" or "z" or polar\$3 or linear\$4) same (gradient same coil)) same ((cool\$3) same (fluid or water or air or liquid) same (hollow or channel or conduit or conduct\$2)))	302
Γ.	L30	L29 and ((cool\$3) same (fluid or water or air or liquid) same (hollow or channel or conduit or conduct\$2))	676
	L29	L27 and (fluid or collant or coolant or water or air or liquid)	1380
	L28	L27 and (fluid or collant or water or air or liquid)	1368
	L27	L26 and (cool\$3)	1542
	L26	L25 and ((Cartesian or "x" or "y" or "z" or polar\$3 or linear\$4) same (gradient same coil))	4951
	L25	L24 and (hollow or channel or conduit or conduct\$3)	10180
	L24	L23 and (Cartesian or "x" or "y" or "z" or polar\$3 or linear\$4)	14547
	L23	(gradient same coil)	20068
	L22	L13 and (field-of-view or "field of view" or FOV)	1
	L21	L18 and (field-of-view or "field of view" or FOV)	1
	L20	L19 and (field-of-view or "field of view" or FOV)	1
	L19	L18 and (cool\$3 same shield\$4)	16
	L18	L13 and (Cartesian or "x" or "y" or "z")	20
	L17	L16 and (Cartesian or "x" or "y" or "z")	7
	L16	L15 and (cool\$3 with gradient)	8
	L15	((biplanar or bi-planar or co-planar or coplanar) with (gradient with coil))	69
	L14	((5481191.pn.) or (5572131.pn.) or (6011394.pn.) or (6311389.pn.))	7
T _i	L13	L12 and (cool\$3 with gradient)	29
	L12	L11 and (gradient with coil)	73
Γ	L11	L10 and ((inner or outer or primary or secondary or first or second or internal or inside or external or outside) same ((shield or shielding or shielded) same (coil or antenna or probe or winding)))	137
П	L10	L9 and ((cool\$3) same (fluid or collant or water or air or liquid) same (hollow or channel or conduit))	193

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	L9	L8 and (fluid or collant or water or air or liquid)	715		
	L8	L7 and (cool\$3)	783		
	L7	L6 and (hollow or channel or conduit)	1788		
)	L6	L5 and ((shield or shielding or shielded) same (coil or antenna or probe or winding))	4838		
	L5	L4 and (coil or antenna or probe or winding)	10294		
	L4	L3 and (shield or shielding or shielded)	15920		
	L3	((magnetic adj resonan\$2) or MRI or NMR)	265958		
	L2	L1 and (cool\$3 with gradient)	8		
	L1	((biplanar or bi-planar) with (gradient with coil))	48		

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 19 of 19 returned.

1. Document ID: US 20070063705 A1

L34: Entry 1 of 19

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070063705

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070063705 A1

TITLE: Variable field-of-view gradient coil system for magnetic resonance imaging

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Ham; Cornelis Leonardus Gerardus Eindhoven NL

US-CL-CURRENT: <u>324/318</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

2. Document ID: US 20060262826 A1

L34: Entry 2 of 19

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060262826

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060262826 A1

TITLE: Magnetic resonance apparatus with a gradient coil unit with integrated passive shim

devices

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Dietz; Peter Furth DE
Schuster; Johann Oberasbach DE
Stocker: Stefan Grossenseebach DE

Stocker; Stefan Grossenseebach

US-CL-CURRENT: 372/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw Desc Image

☐ 3. Document ID: US 6538443 B2

L34: Entry 3 of 19

File: USPT

Mar 25, 2003

US-PAT-NO: 6538443

DOCUMENT-IDENTIFIER: US 6538443 B2

TITLE: MRI gradient coil with variable field of view and apparatus and methods employing the

same

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Morich; Michael A.

Mentor

OH

Shvartsman; Shmaryu M.

Highland Heights

OH

US-CL-CURRENT: 324/318; 324/309, 324/320



4. Document ID: US 3447334 A

L34: Entry 4 of 19

File: USOC

Jun 3, 1969

US-PAT-NO: 3447334

DOCUMENT-IDENTIFIER: US 3447334 A

TITLE: ENVIRONMENTAL SYSTEM FOR PRESERVATION OF PERISHABLES

DATE-ISSUED: June 3, 1969

INVENTOR-NAME: KIMBALL JOHN G

US-CL-CURRENT: $\underline{62/64}$; $\underline{62/121}$, $\underline{62/171}$, $\underline{62/373}$, $\underline{62/89}$, $\underline{62/97}$



5. Document ID: US 3177675 A

L34: Entry 5 of 19

File: USOC

Apr 13, 1965

US-PAT-NO: 3177675

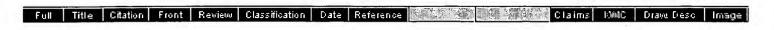
DOCUMENT-IDENTIFIER: US 3177675 A

TITLE: Defrosting arrangement and control for refrigeration apparatus

DATE-ISSUED: April 13, 1965

INVENTOR-NAME: GEORG KOGEL WILHELM

US-CL-CURRENT: 62/148; 62/151, 62/155, 62/488, 62/490



6. Document ID: US 2932953 A

Page 3 of 7

L34: Entry 6 of 19

File: USOC

Apr 19, 1960

US-PAT-NO: 2932953

DOCUMENT-IDENTIFIER: US 2932953 A

TITLE: Thermoelectric cooling units

DATE-ISSUED: April 19, 1960

INVENTOR-NAME: JOHN BECKET FREDERICK; HARRY BURY; REGGIE SMITH

US-CL-CURRENT: $\underline{62}/\underline{3.6}$, $\underline{136}/\underline{204}$, $\underline{62}/\underline{119}$, $\underline{62}/\underline{333}$

Full Title Citation Front Review Classification Date Reference Company Claims KMC Draws Desc Image

☐ 7. Document ID: US 2794331 A

L34: Entry 7 of 19

File: USOC

Jun 4, 1957

US-PAT-NO: 2794331

DOCUMENT-IDENTIFIER: US 2794331 A

TITLE: Cooling unit for absorption refrigeration apparatus

DATE-ISSUED: June 4, 1957

INVENTOR-NAME: GEORG KOGEL WILHELM

US-CL-CURRENT: $\underline{62}/\underline{141}$; $\underline{62}/\underline{148}$, $\underline{62}/\underline{451}$, $\underline{62}/\underline{465}$, $\underline{62}/\underline{486}$, $\underline{62}/\underline{490}$, $\underline{62}/\underline{492}$

Full Title Citation Front Review Classification Date Reference

□ 8. Document ID: US 2635437 A

L34: Entry 8 of 19

File: USOC

Apr 21, 1953

US-PAT-NO: 2635437

DOCUMENT-IDENTIFIER: US 2635437 A

TITLE: Absorption refrigeration system having plural evaporators operable at different

temperatures

DATE-ISSUED: April 21, 1953

INVENTOR-NAME: MALCOLM ULLSTRAND HUGO

US-CL-CURRENT: 62/110; 62/451, 62/486, 62/492

Full Title Citation Front Review Classification Date Reference

9. Document ID: US 2598737 A

L34: Entry 9 of 19

File: USOC

Jun 3, 1952

US-PAT-NO: 2598737

DOCUMENT-IDENTIFIER: US 2598737 A

TITLE: Refrigerator having multiple temperature cooling elements

DATE-ISSUED: June 3, 1952

INVENTOR-NAME: AXEL GRUBB GUNNAR; ARNE BACKTEMAN PER

US-CL-CURRENT: 62/447, 48/197R, 62/486, 62/492

Full Title Citation Front Review Classification Date Reference & & & Claims KMC Draw Desc Image

10. Document ID: US 2588355 A

L34: Entry 10 of 19

File: USOC

Mar 11, 1952

US-PAT-NO: 2588355

DOCUMENT-IDENTIFIER: US 2588355 A

TITLE: Method and apparatus for measuring dew point

DATE-ISSUED: March 11, 1952

INVENTOR-NAME: BURR HORACE K; BAILEY GLEN F

US-CL-CURRENT: 374/15



☐ 11. Document ID: US 2584345 A

L34: Entry 11 of 19

File: USOC

Feb 5, 1952

US-PAT-NO: 2584345

DOCUMENT-IDENTIFIER: US 2584345 A

TITLE: Convection-compensating centrifuge

DATE-ISSUED: February 5, 1952

INVENTOR-NAME: HALL CHARLES F

US-CL-CURRENT: 494/14; 422/258, 494/13, 494/38, 494/901



☐ 12. Document ID: US 2367163 A

L34: Entry 12 of 19

File: USOC

Jan 9, 1945

US-PAT-NO: 2367163

DOCUMENT-IDENTIFIER: US 2367163 A

TITLE: 'Electromagnetic apparatus

DATE-ISSUED: January 9, 1945

INVENTOR-NAME: WINTHER MARTIN P

US-CL-CURRENT: 310/93; 188/264D, 310/105

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

13. Document ID: US 2323354 A

L34: Entry 13 of 19

File: USOC

Jul 6, 1943

US-PAT-NO: 2323354

DOCUMENT-IDENTIFIER: US 2323354 A

..TITLE: Refrigerator

DATE-ISSUED: July 6, 1943

INVENTOR-NAME: REES CLYDE M

US-CL-CURRENT: 62/223; 62/201, 62/213, 62/228.1, 62/438, 62/439, 62/447, D15/86

Full Title Citation Front Review Classification Date Reference 🗼 😢 🕻 🗴 💆 Claims KMC Draw Desc Image

14. Document ID: US 2298229 A

L34: Entry 14 of 19

File: USOC

Oct 6, 1942

US-PAT-NO: 2298229

DOCUMENT-IDENTIFIER: US 2298229 A

TITLE: Transformer signaling and tripping

DATE-ISSUED: October 6, 1942

INVENTOR-NAME: PUTMAN HENRY V; LOCKIE ARTHUR M ; HODNETTE JOHN K ; LEONARD MERRILL G

US-CL-CURRENT: 361/37

Full Title Citation Front Review Classification Date Reference

☐ 15. Document ID: US 2289728 A

L34: Entry 15 of 19

File: USOC

Jul 14, 1942

US-PAT-NO: 2289728

DOCUMENT-IDENTIFIER: US 2289728 A

TITLE: Refrigerator with humidity control

DATE-ISSUED: July 14, 1942

INVENTOR-NAME: MALIN REES CLYDE

US-CL-CURRENT: 62/171; 261/129, 261/151, 62/176.4, 62/178, 62/267, 62/310, 62/438

Full Title Citation Front Review Classification Date Reference Market Company Claims KMC Draws Desc Image

☐ 16. Document ID: US 2245637 A

L34: Entry 16 of 19

File: USOC

Jun 17, 1941

US-PAT-NO: 2245637

DOCUMENT-IDENTIFIER: US 2245637 A

TITLE: Refrigeration

DATE-ISSUED: June 17, 1941

INVENTOR-NAME: ANDERSSON SVEN W E

US-CL-CURRENT: 62/80; 62/156

Full Title Citation Front Review Classification Date Reference Claims RMC Draw Desc Image

17. Document ID: US 2212277 A

L34: Entry 17 of 19

File: USOC

Aug 20, 1940

US-PAT-NO: 2212277

DOCUMENT-IDENTIFIER: US 2212277 A

TITLE: Refrigeration

DATE-ISSUED: August 20, 1940

INVENTOR-NAME: SHAGALOFF HARRY C

US-CL-CURRENT: $\underline{62}/\underline{148}$; $\underline{62}/\underline{151}$, $\underline{62}/\underline{162}$, $\underline{62}/\underline{214}$

Full Title Citation Front Review Classification Date Reference

18. Document ID: US 2212111 A

L34: Entry 18 of 19

File: USOC

Aug 20, 1940

US-PAT-NO: 2212111

DOCUMENT-IDENTIFIER: US 2212111 A

TITLE: Refrigeration

DATE-ISSUED: August 20, 1940

INVENTOR-NAME: MARTEN BLOMQVIST GUSTAV; FOLKE TORSTENSSON STURE

US-CL-CURRENT: 62/497

http://jupiter2:9000/bin/gate.exe?f=TOC&state=spva23.35&ref=34&dbname=PGPB,USPT,USOC,EPAB,J... 12/4/07

Full Title Citation Front Review Classification Date Reference & Case & Claims RMC Draw Desc Image

19. Document ID: US 2210898 A

L34: Entry 19 of 19

File: USOC

Aug 13, 1940

US-PAT-NO: 2210898

DOCUMENT-IDENTIFIER: US 2210898 A

TITLE: Air cooled continuous absorption refrigerating unit

DATE-ISSUED: August 13, 1940

INVENTOR-NAME: LEE CAMPBELL JACKSON

US-CL-CURRENT: 62/101; 62/110, 62/440, 62/485, 62/492

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lerm	Documents	
GRADIENT	357344	
GRADIENTS	87615	
COIL	1370808	
COILS	454815	
MODULE	824361	
MODULES	405837	
COMPARTMENT	402350	
COMPARTMENTS	213460	
MODULAR\$2	0	
MODULAR	191261	
MODULARA	1	
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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20070063705 A1

L35: Entry 1 of 3

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070063705

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070063705 A1

TITLE: Variable field-of-view gradient coil system for magnetic resonance imaging

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Ham; Cornelis Leonardus Gerardus

Eindhoven

NL

US-CL-CURRENT: 324/318

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

2. Document ID: US 20060262826 A1

L35: Entry 2 of 3

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060262826

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060262826 A1

TITLE: Magnetic resonance apparatus with a gradient coil unit with integrated passive shim

devices

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

Schuster; Johann

Stocker; Stefan

CITY NAME

Furth Dietz; Peter

·STATE COUNTRY

DE

DE Oberasbach

DE Grossenseebach

US-CL-CURRENT: 372/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Desc Image

☐ 3. Document ID: US 6538443 B2

L35: Entry 3 of 3

File: USPT

Mar 25, 2003

US-PAT-NO: 6538443

DOCUMENT-IDENTIFIER: US 6538443 B2

TITLE: MRI gradient coil with variable field of view and apparatus and methods employing the

same

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Morich; Michael A.

Mentor

OH

Shvartsman; Shmaryu M.

Highland Heights

OH

US-CL-CURRENT: 324/318; 324/309, 324/320

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Term	Document
MAGNETIC	1808834
MAGNETICS	1660
MRI	4275
MRIS	683
NMR	18933
NMRS	32.
RESONAN\$2	
RESONAN	114:
RESONANA	
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RESONANAT	
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Hit List

First HitClear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20070063705 A1

L36: Entry 1 of 3

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070063705

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070063705 A1

TITLE: Variable field-of-view gradient coil system for magnetic resonance imaging

PUBLICATION-DATE: March 22, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Ham; Cornelis Leonardus Gerardus

Eindhoven

NL

COUNTRY

DE

DE

US-CL-CURRENT: <u>324</u>/<u>318</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 2. Document ID: US 20060262826 A1

L36: Entry 2 of 3

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060262826

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060262826 A1

TITLE: Magnetic resonance apparatus with a gradient coil unit with integrated passive shim

devices

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

NAME CITY

Dietz; Peter Furth

Schuster; Johann Oberasbac

Oberasbach

STATE

Stocker; Stefan Grossenseebach DE

US-CL-CURRENT: 372/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims MMC Draw Desc Image

7 3. Document ID: US 6538443 B2

. L36: Entry 3 of 3

File: USPT

Mar 25, 2003

US-PAT-NO: 6538443

DOCUMENT-IDENTIFIER: US 6538443 B2

TITLE: MRI gradient coil with variable field of view and apparatus and methods employing the

same

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Morich; Michael A.

Full

Mentor

ОН

Shvartsman; Shmaryu M.

Highland Heights

ОН

US-CL-CURRENT: 324/318; 324/309, 324/320

Title Citation Front Review Classification Date Reference	laims KWMC Draws Desc Ima
Clear Generate Collection Print Fwd Refs Bkwd Refs	Generate OACS
Term	Documents
MAGNETIC	1808834
MAGNETICS	16602
MRI	42755
MRIS	683
NMR	189334
NMRS	325
RESONAN\$2	0
RESONAN	1142
RESONANA	3
RESONANAE	3
RESONANAT	8
(L33 AND ((MAGNETIC ADJ RESONAN\$2) OR MRI OR NMR)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
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